

Converting Colors

XYZ(78.1386, 80.3796, 80.8243)

Have a look what the booklet for
XYZ(78.1386, 80.3796, 80.8243)
contains.

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Color

**XYZ(78.1663, 80.3672,
80.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E5DE
RGB	243, 229, 222
RGB Percent	95%, 90%, 87%
CMY	0.0471, 0.1019, 0.1294
CMYK	0.00, 0.06, 0.09, 0.05
HSL	20°, 47%, 91%
HSV	20°, 9%, 95%
XYZ	78.1663, 80.3672, 80.4999
YIQ	232.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

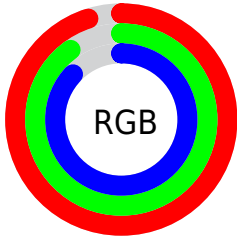
Format	Color
R _Y B	243, 233, 222
Decimal	15984094
CIE Lab	91.85, 3.58, 5.10
CIE LCh	92, 6.234, 54.921
Yxy	80.3672, 0.3270, 0.3362
Android (android.graphics.Color)	4294174174 (0xFFFF3E5DE)
YUV	232.3880, -5.1213, 9.3067
Hunter-Lab	89.6478, -1.2446, 9.5135

Details

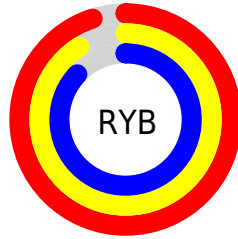
The XYZ color **78.1663, 80.3672, 80.4999** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2972, 81.9903, 96.5995**, and the grayscale version is **77.0259, 81.0372, 88.2496**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6046, 43.6269, 42.7345** is the 20% darker color. If you saturate the color by 10%, you get **70.8678, 70.6116, 63.1401**, and if you desaturate by 10%, it is **86.3568, 91.1538, 100.4748**.

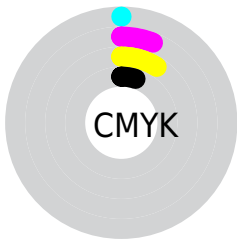
Distribution



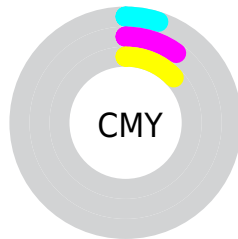
- Red (95%)
- Green (90%)
- Blue (87%)



- Red (95%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1663, 80.3672, 80.4999 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.1663, 80.3672, 80.4999 by changing the saturation by 10% instead.


 78.1663, 80.3672,
80.4999

 78.1663, 80.3672,
80.4999


477.5626,
496.1695, 516.3671

 58.5139, 60.0206,
59.6012

129.7487,
133.8819, 135.8861

 42.4668, 43.4352,
42.6741


162.4093,
167.8187, 171.2107

 29.6597, 30.2267,
29.3000


200.1367,
207.0544, 212.1810

 19.7272, 20.0108,
19.0603

243.2962,
251.9733, 259.2155

 12.3040, 12.4029,
11.5366

292.2532,
302.9599, 312.7328

 7.0247, 7.0187,
6.3103

347.3730,

 3.5240, 3.4738,

360.3985, 373.1515

2.9629

409.0210,
424.6736, 440.8901

■ 1.4366, 1.3838,
1.0757

■ 0.2821, 0.2047,
0.0000

■ 78.1663, 80.3672,
80.4999

■ 78.1663, 80.3672,
80.4999

■ 70.8678, 70.6116,
63.1401

■ 86.3568, 91.1538,
100.4748

■ 64.4233, 61.8456,
48.2811

■ 90.7726, 97.7949,
108.6998

■ 58.8017, 54.0404,
35.8079

■ 53.9673, 47.1619,
25.5943

■ 49.8817, 41.1738,
17.5024

■ 46.5029, 36.0371,
11.3790

■ 43.7840, 31.7096,
7.0500

■ 41.6714, 28.1448,
4.3099

■ 40.0930, 25.2867,
2.8625

Harmonies

Analogous

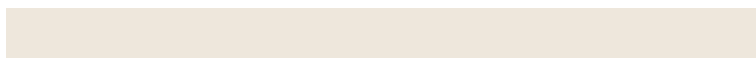
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2075, 80.3672, 83.8501



78.1663, 80.3672, 80.4999



76.6590, 80.3672, 79.0296

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1663, 80.3672, 80.4999



73.3664, 80.3672, 86.7294



77.6888, 80.3672, 95.7326

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.1663, 80.3672, 80.4999



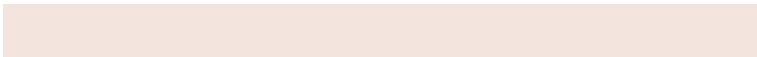
76.2972, 81.9903, 96.5995

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1149, 80.3672, 96.5683



78.1663, 80.3672, 80.4999



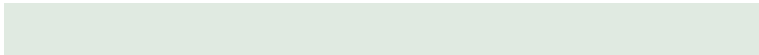
73.6335, 80.3672, 91.2671

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1663, 80.3672, 80.4999



73.8993, 80.3672, 82.5452



74.6341, 80.3672, 94.9077



78.9291, 80.3672, 92.6621

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1663, 80.3672, 80.4999



75.5981, 80.3672, 79.2748



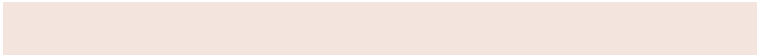
74.6341, 80.3672, 94.9077



77.1806, 80.3672, 96.2886

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.1685, 80.3707, 80.5016



92.2376, 96.3071, 102.0068



78.2248, 77.3546, 90.1660



19.5851, 20.4062, 21.4491



0.0000, 0.0000, 0.0000



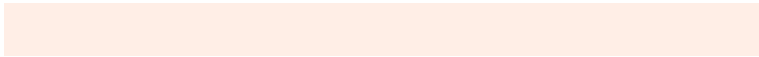
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1685, 80.3707, 80.5016



86.0288, 88.0971, 86.9655



81.1611, 86.3559, 81.4992



16.9507, 17.3855, 17.2599



22.0135, 13.9126, 1.5252



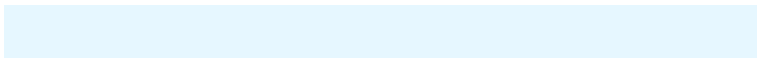
2.0254, 1.4041, 0.1643

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.2972, 81.9903, 96.5995



83.6294, 90.1734, 107.6052



73.3636, 76.1231, 95.6216



16.5039, 17.7721, 21.1031



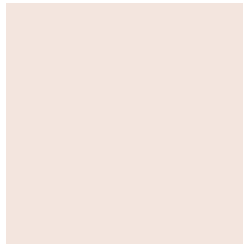
16.0945, 17.9827, 49.1608



1.5088, 1.7690, 4.3522

Previews

White Background



This preview shows how the XYZ color 78.1663, 80.3672, 80.4999 looks on a white background.

Color Contrast Check

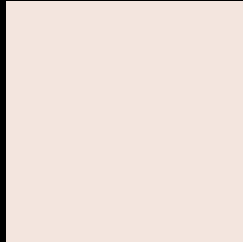
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.1663, 80.3672, 80.4999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

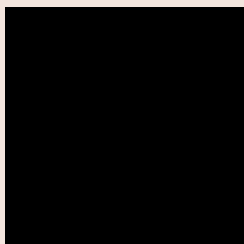
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

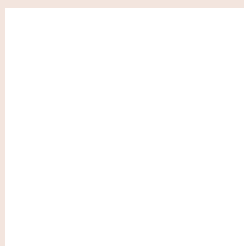
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1663, 80.3672, 80.4999

Background



This preview shows how black text looks on a background with the XYZ color 78.1663, 80.3672, 80.4999.



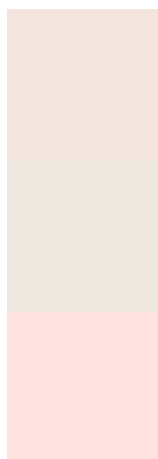
This preview shows how white text looks on a background with the XYZ color 78.1663, 80.3672,

80.4999.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.1663, 80.3672, 80.4999

Protanopia

77.1551, 80.6567, 81.3138

Deuteranopia

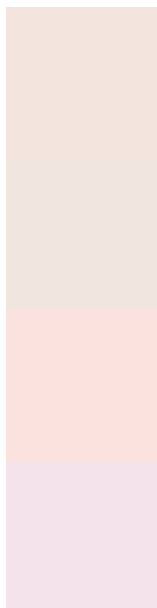
81.6198, 80.4922, 81.7557



Tritanopia

81.3801, 80.4566, 96.0345

Trichromacy



Original Color

78.1663, 80.3672, 80.4999

Protanomaly

77.5513, 80.4466, 81.2524

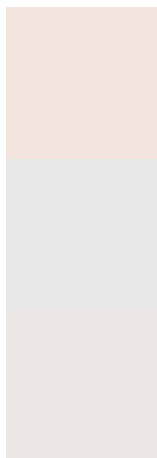
Deuteranomaly

80.2993, 80.2297, 81.0657

Tritanomaly

80.1207, 80.3488, 89.8833

Monochromacy



Original Color

78.1663, 80.3672, 80.4999

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.1716, 80.5861, 84.8861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1663, 80.3672, 80.4999 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(243, 229, 222) looks like.

```
.text, #text, p{  
    color:rgb(243, 229, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 229, 222) }
```

Border

The CSS property to change the border of an element to XYZ 78.1663, 80.3672, 80.4999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 229, 222) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(243, 229, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(243, 229, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 229, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 229, 222);  
box-shadow:4px 4px 4px 4px rgb(243, 229,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1663, 80.3672, 80.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 229, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243,  
229, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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